

ABSTRACT

A FLOATING FRAME FOR AN OPTICAL STORAGE DEVICE LOADING MECHANISM

A floating frame for an optical disc loader. It includes a pivoting-type sub-chassis of 1-degree of freedom of movement. It is rigidly connected to a chassis without any floaters. Floaters are placed at the four corners of the chassis to support the entire loader. The floater has a wide mid-section and a narrow tip. Above the mid-section are upper slots, and below the mid-section are lower slots. The floater should preferably be made of flexible material such as rubber.

FIG. 2